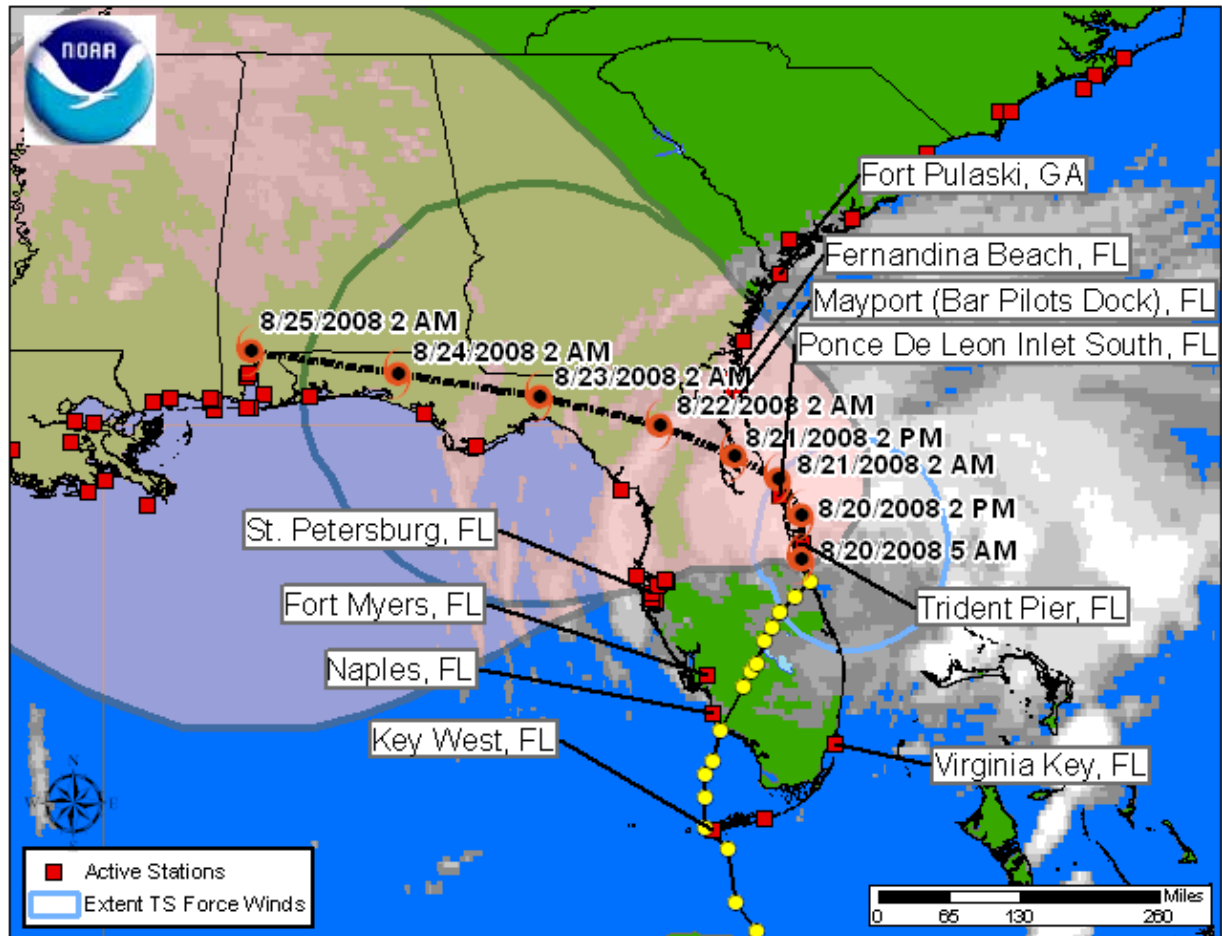




Tropical Storm FAY QuickLook
Posted: 06:00 EDT 08/20/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/20/2008 06:00 EDT, water levels along eastern Florida and at the North Florida-Georgia Coast are rising and are up to 0.8 - 2.0 feet above predicted. Water levels at Fort Myers and Naples remain elevated by around 0.5 feet. Water levels in the Florida Keys have been falling. Water levels north of Fort Myers remain at or just below predicted. Barometric pressure continues to fall along the Florida east coast. Wind speeds have increased at Trident Pier with gusts up to 40 kts over the past few hours.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Trident Pier, FL: Next predicted high tide is 4.05 ft (1.23 m) at 08/20/2008 10:54 EDT.

Ponce De Leon Inlet South, FL: Next predicted high tide is 3.43 ft (1.05 m) at 08/20/2008 11:33 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 5.10 ft (1.55 m) at 08/20/2008 11:42 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.62 ft (2.02 m) at 08/20/2008 11:57 EDT.

Port Pulaski, GA: Next predicted high tide is 7.58 ft (2.31 m) at 08/20/2008 11:06 EDT.

St. Petersburg, FL: Next predicted high tide is 2.18 ft (0.66 m) at 08/20/2008 17:12 EDT.

Fort Myers, FL: Next predicted high tide is 1.47 ft (0.45 m) at 08/20/2008 06:24 EDT.

Naples, FL: Next predicted high tide is 2.85 ft (0.87 m) at 08/20/2008 15:12 EDT.

Key West, FL: Next predicted high tide is 1.72 ft (0.52 m) at 08/20/2008 13:03 EDT.

Virginia Key, FL: Next predicted high tide is 2.38 ft (0.73 m) at 08/20/2008 12:12 EDT. For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL STORM FAY ADVISORY NUMBER 19
500 AM EDT WED AUG 20 2008**

...FAY MOVING SLOWLY NORTHWARD ALONG THE EAST COAST OF CENTRAL FLORIDA...TROPICAL STORM WARNING EXTENDED NORTHWARD...

AT 500 AM EDT THE TROPICAL STORM WARNING HAS BEEN EXTENDED NORTHWARD TO ALTAMAHA SOUND GEORGIA. A TROPICAL STORM WARNING IS NOW IN EFFECT FROM NORTH OF JUPITER INLET FLORIDA NORTHWARD TO ALTAMAHA SOUND GEORGIA.

A HURRICANE WATCH REMAINS IN EFFECT FROM NORTH OF FLAGLER BEACH FLORIDA TO ALTAMAHA SOUND GEORGIA.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM NORTH OF ALTAMAHA SOUND TO THE SAVANNAH RIVER.

AT 500 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED ABOUT 15 MILES SOUTH OF CAPECANAUVERAL FLORIDA.

FAY IS MOVING TOWARD THE NORTH NEAR 5 MPH AND THIS MOTION IS EXPECTED TO CONTINUE TODAY. A GRADUAL TURN TOWARD THE NORTHWEST IS FORECAST DURING THE NEXT 12 TO 24 HOURS AND FAY IS LIKELY TO REMAIN NEAR OR OVER THE

EAST-CENTRAL AND NORTHEASTERN FLORIDA COAST THROUGH THURSDAY.

SURFACE OBSERVATIONS AND NATIONAL WEATHER SERVICE DOPPLER RADAR DATA INDICATE THAT THE MAXIMUM SUSTAINED WINDS REMAIN NEAR 50 MPH WITH HIGHER GUSTS...MOSTLY OVER WATER WELL TO THE EAST OF THE CENTER. SOME GRADUAL RESTRENGTHENING IS POSSIBLE DURING THE NEXT 24 HOURS BEFORE FAY MOVES BACK INLAND OVER NORTHEASTERN FLORIDA ON THURSDAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 993 MB...29.32 INCHES.

FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES OVER EAST-CENTRAL AND NORTHEASTERN FLORIDA...WITH MAXIMUM TOTAL AMOUNTS OF 15 INCHES. ACCUMULATIONS OF 3 TO 5 INCHES ARE POSSIBLE IN THE NORTHWESTERN BAHAMAS.

STORM TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE EAST COAST OF FLORIDA TO THE NORTH OF THE CENTER OF FAY.

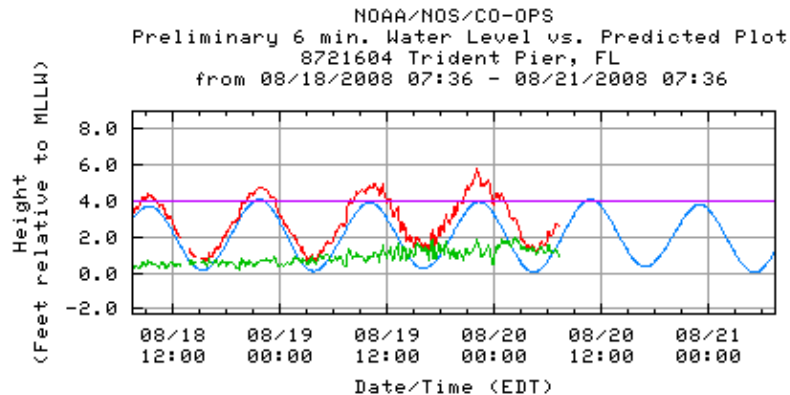
ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF NORTHEASTERN FLORIDA.

FORECASTER STEWART/FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Trident Pier - Water Level](#), [Trident Pier - Air/Water Temp](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [St. Petersburg - Water Level](#), [St. Petersburg - Air/Water Temp](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Naples - Water Level](#), [Naples - Air/Water Temp](#), [Naples - Winds](#), [Naples - Barometric](#), [Key West - Water Level](#), [Key West - Air/Water Temp](#), [Key West - Winds](#), [Key West - Barometric](#), [Virginia Key - Water Level](#),

Trident Pier, FL - Station Map [Return to List](#)



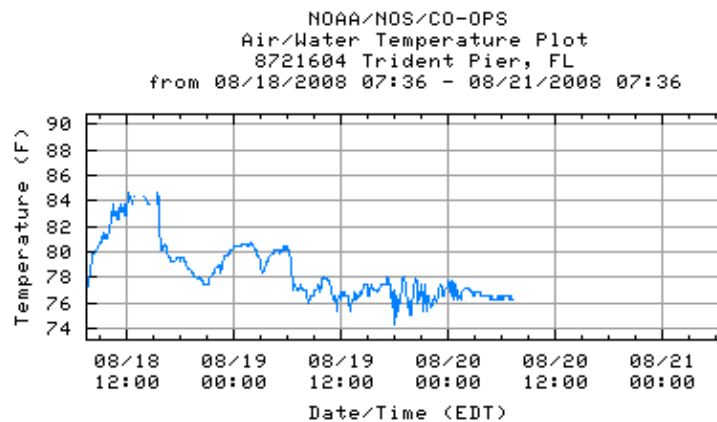
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 2.62 ft. Predicted: 1.70 ft. Residual: 0.92 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

Trident Pier, FL - Station Map [Return to List](#)

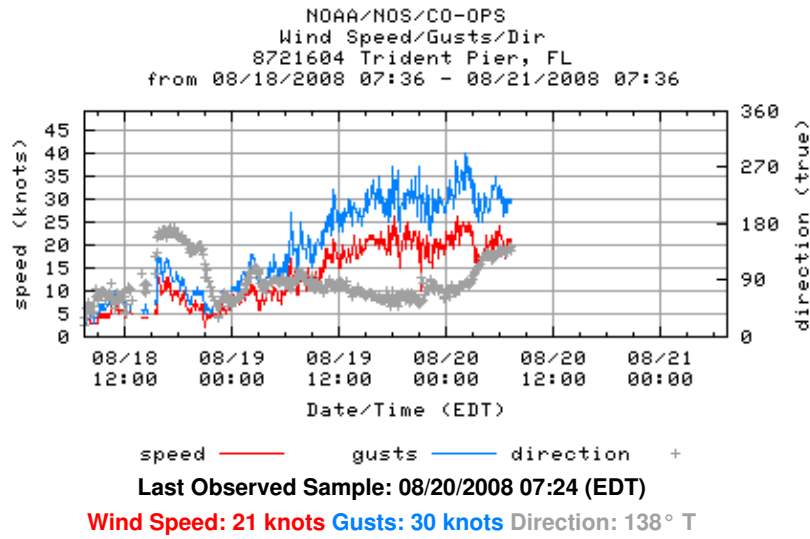


water temp. — air temp. —

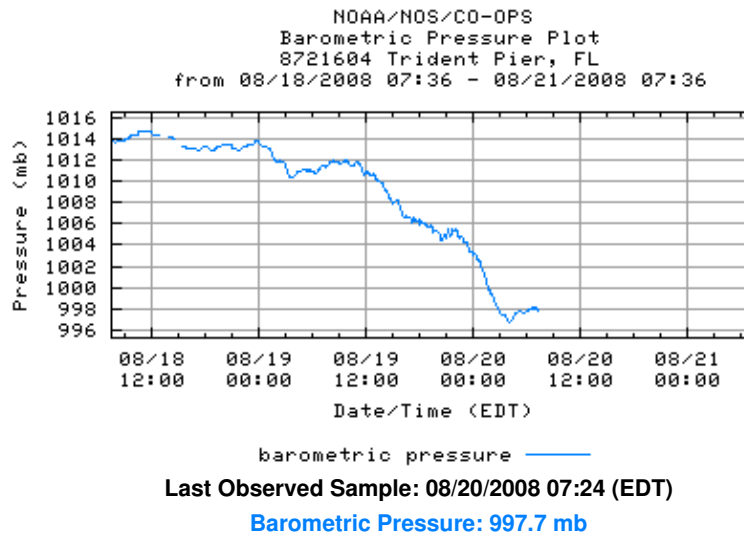
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: n/a Air Temperature: 76.3° F

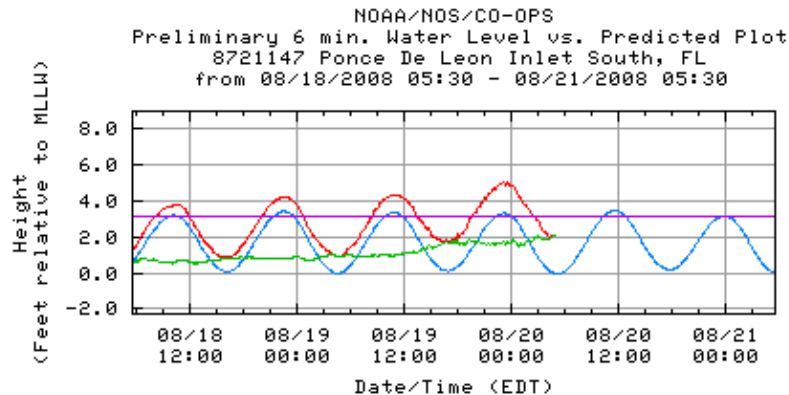
Trident Pier, FL - Station Map [Return to List](#)



Trident Pier, FL - Station Map [Return to List](#)



Ponce De Leon Inlet South, FL - Station Map [Return to List](#)



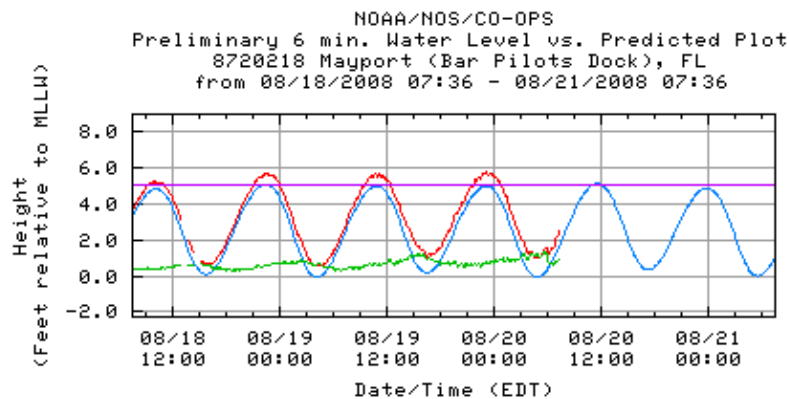
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/20/2008 04:54 (EDT)

Relative to **MLLW**: **Observed: 2.03 ft. Predicted: -0.04 ft. Residual: 2.07 ft.**

Historical Maximum Water Level: n/a

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)



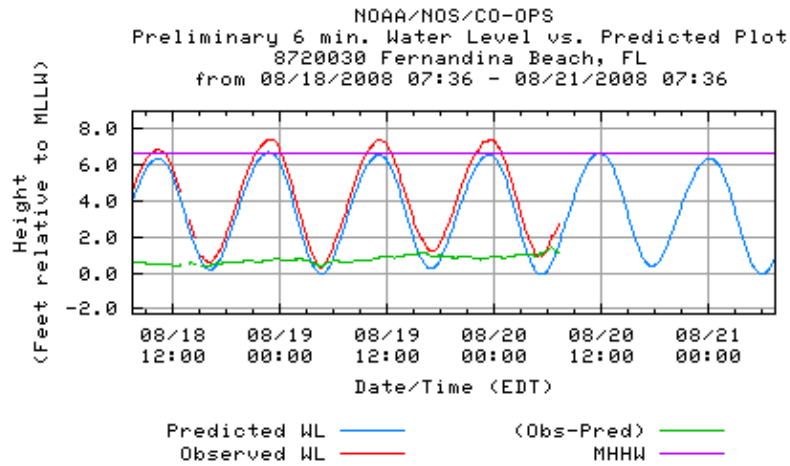
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 2.50 ft. Predicted: 1.63 ft. Residual: 0.87 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Fernandina Beach, FL - Station Map [Return to List](#)

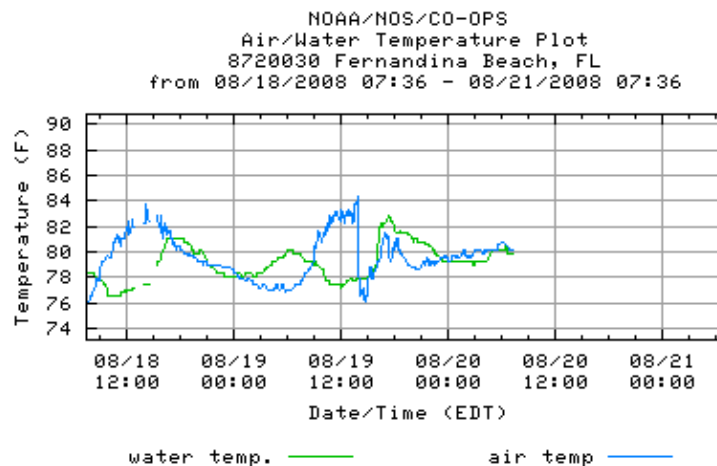


Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 2.74 ft. Predicted: 1.66 ft. Residual: 1.08 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

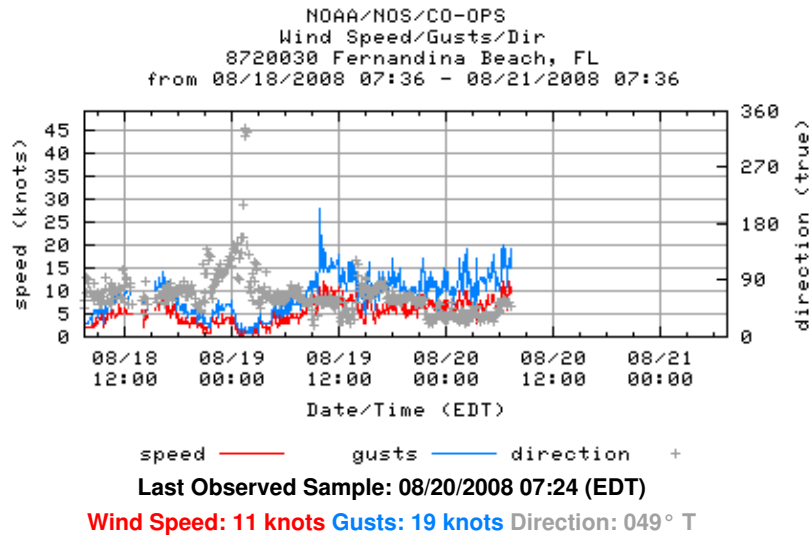
Fernandina Beach, FL - Station Map [Return to List](#)



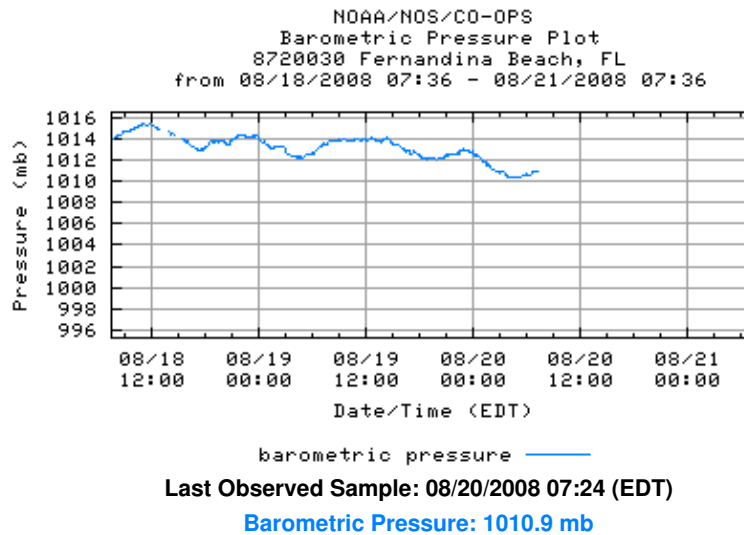
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: 79.9° F Air Temperature: 80.2° F

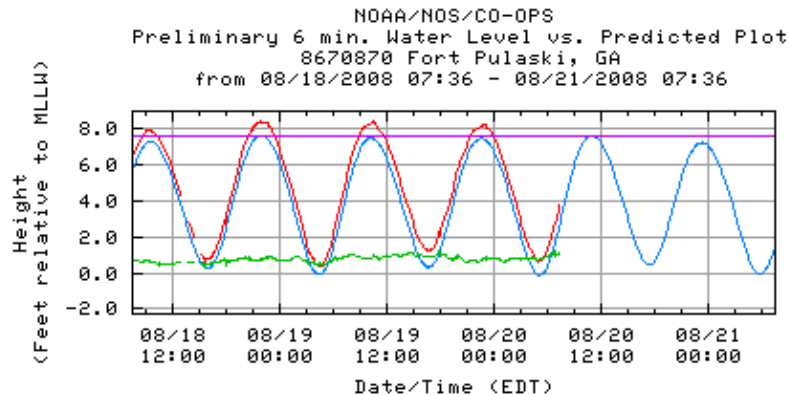
Fernandina Beach, FL - Station Map [Return to List](#)



Fernandina Beach, FL - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)

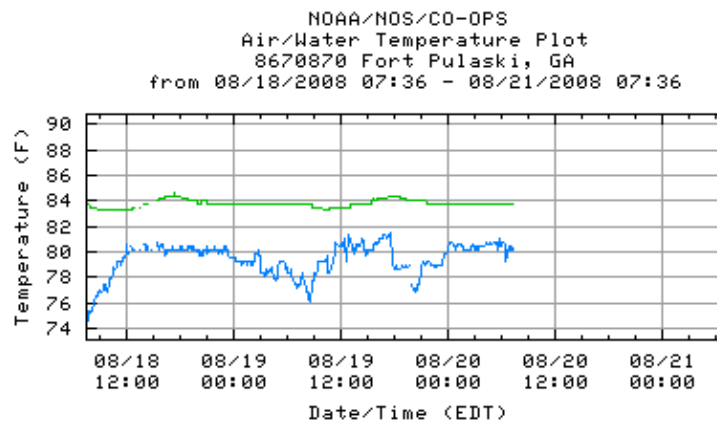


Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 3.70 ft. Predicted: 2.61 ft. Residual: 1.09 ft.**

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

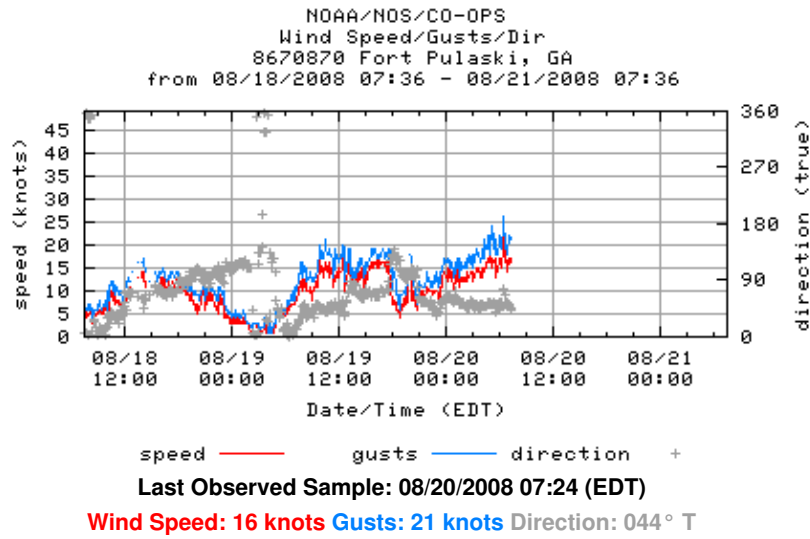
Fort Pulaski, GA - Station Map [Return to List](#)



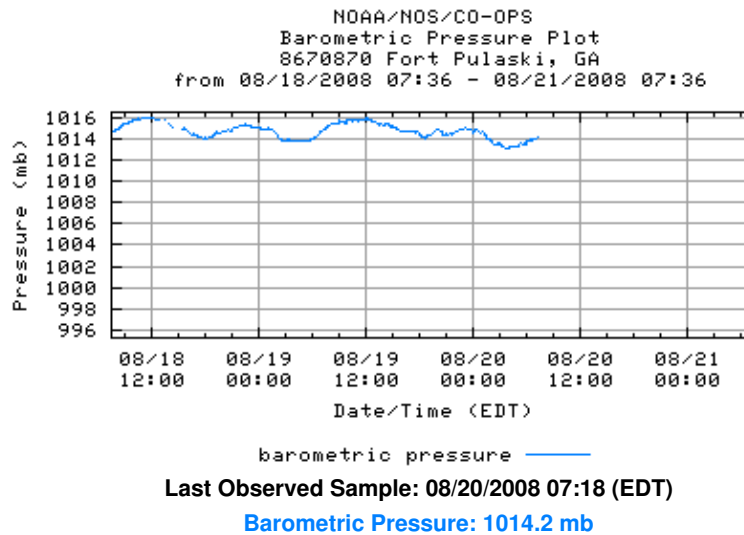
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: 83.7° F Air Temperature: 80.2° F

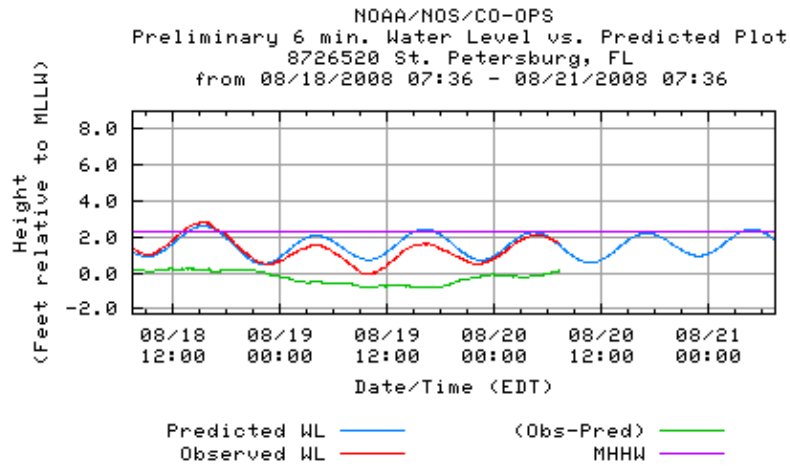
Fort Pulaski, GA - Station Map [Return to List](#)



Fort Pulaski, GA - Station Map [Return to List](#)



St. Petersburg, FL - Station Map [Return to List](#)

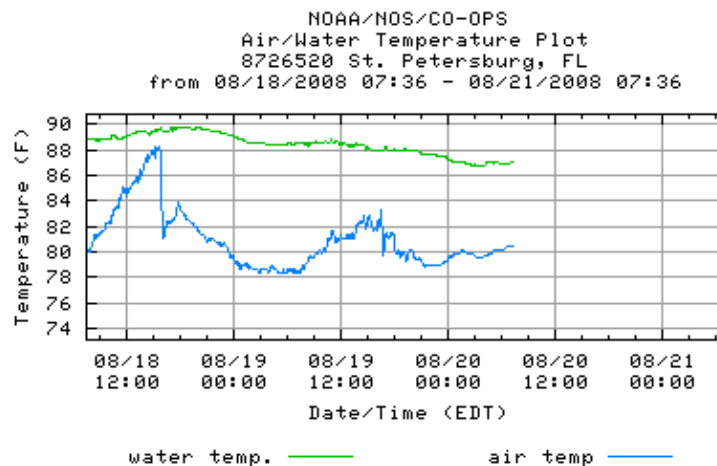


Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 1.61 ft. Predicted: 1.53 ft. Residual: 0.08 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

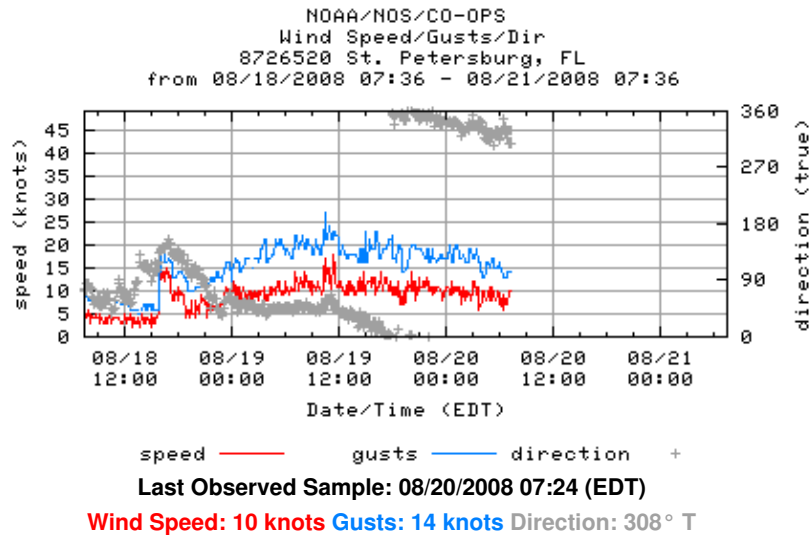
St. Petersburg, FL - Station Map [Return to List](#)



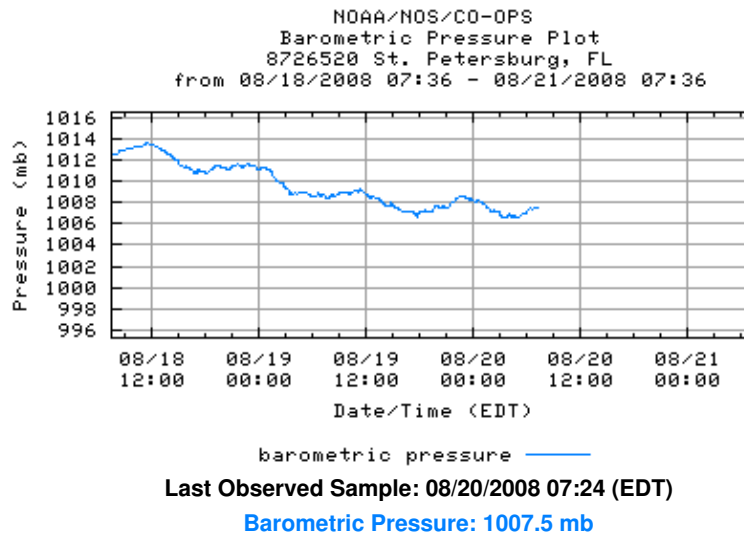
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: 87.0° F Air Temperature: 80.4° F

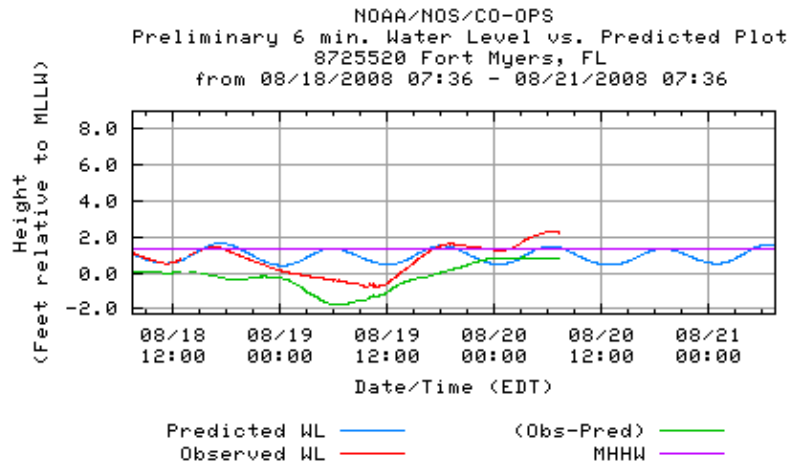
St. Petersburg, FL - Station Map [Return to List](#)



St. Petersburg, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)

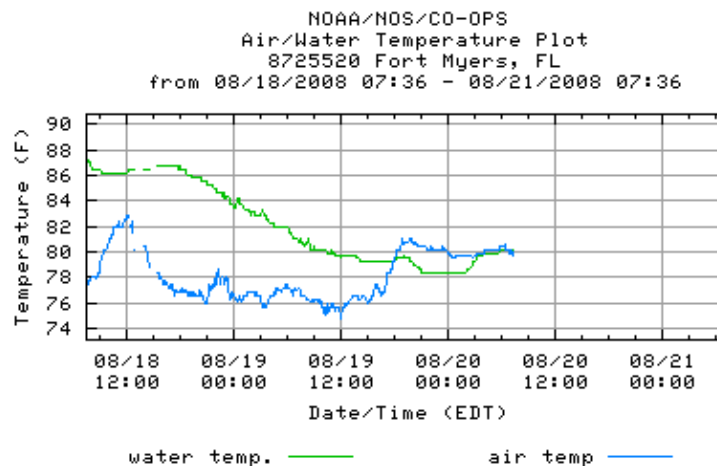


Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 2.21 ft. Predicted: 1.39 ft. Residual: 0.82 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

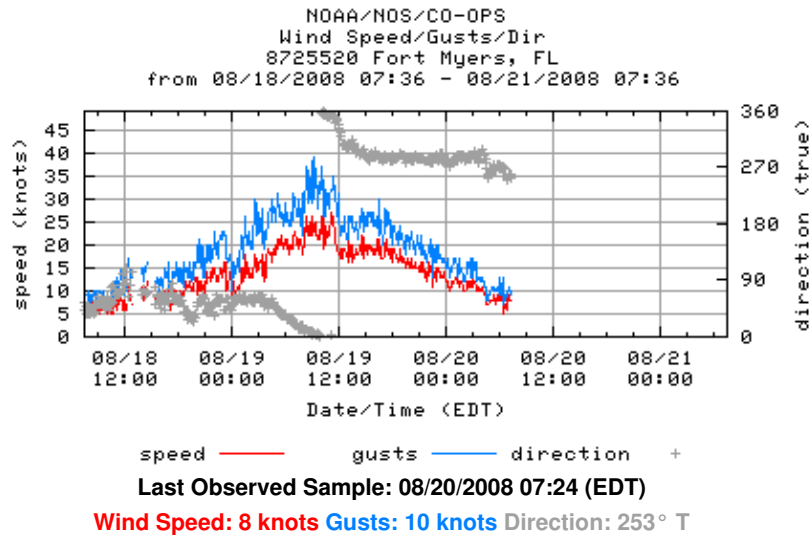
Fort Myers, FL - Station Map [Return to List](#)



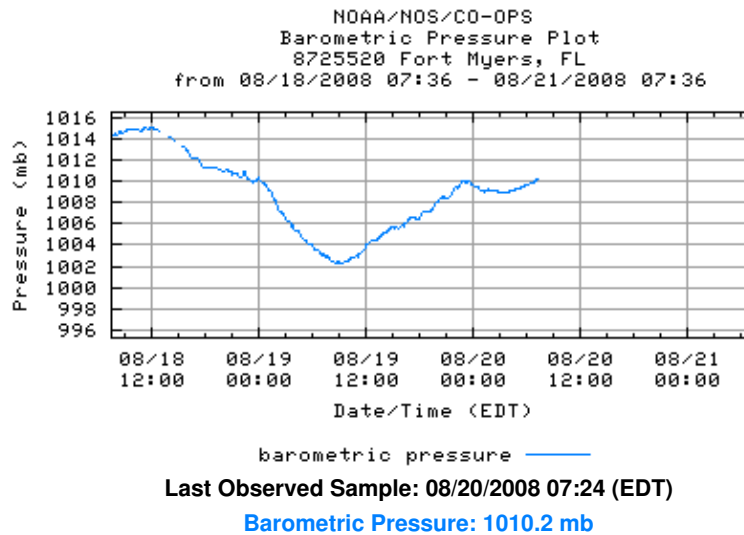
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: 80.1° F Air Temperature: 79.7° F

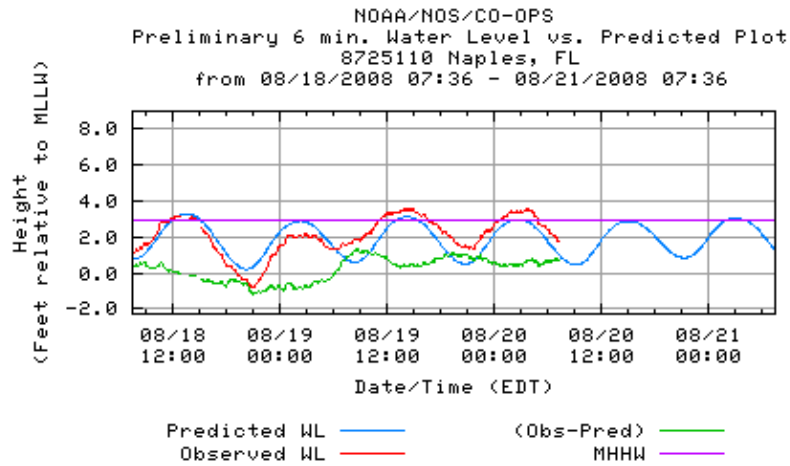
Fort Myers, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)



Naples, FL - Station Map [Return to List](#)

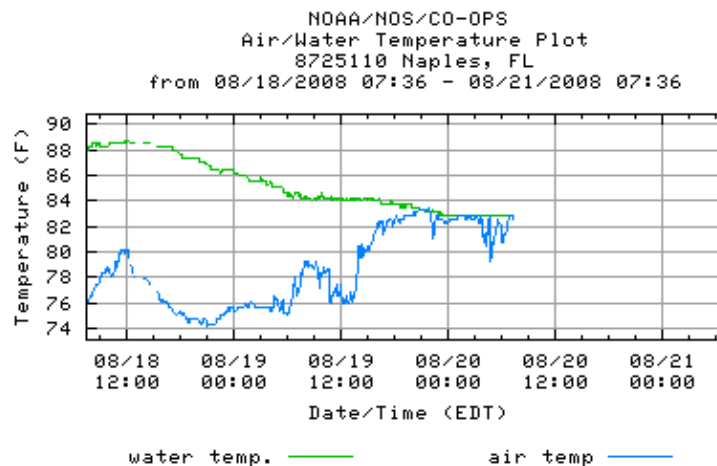


Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 1.70 ft. Predicted: 0.99 ft. Residual: 0.71 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

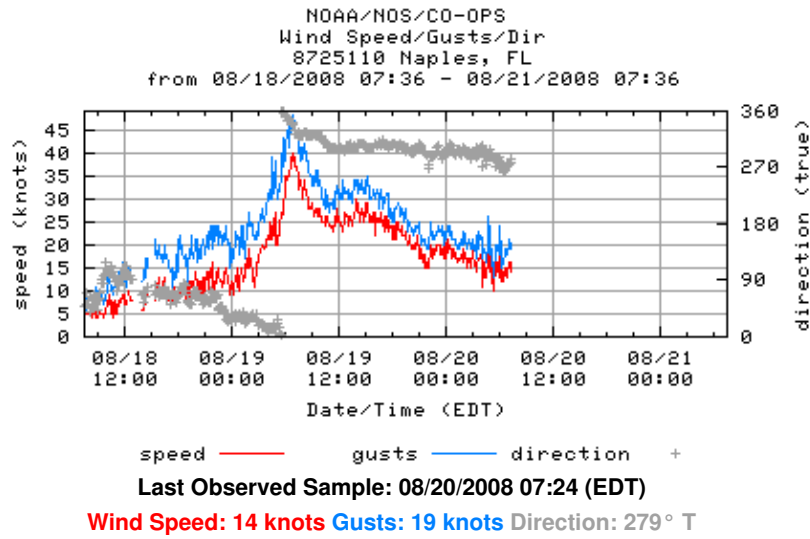
Naples, FL - Station Map [Return to List](#)



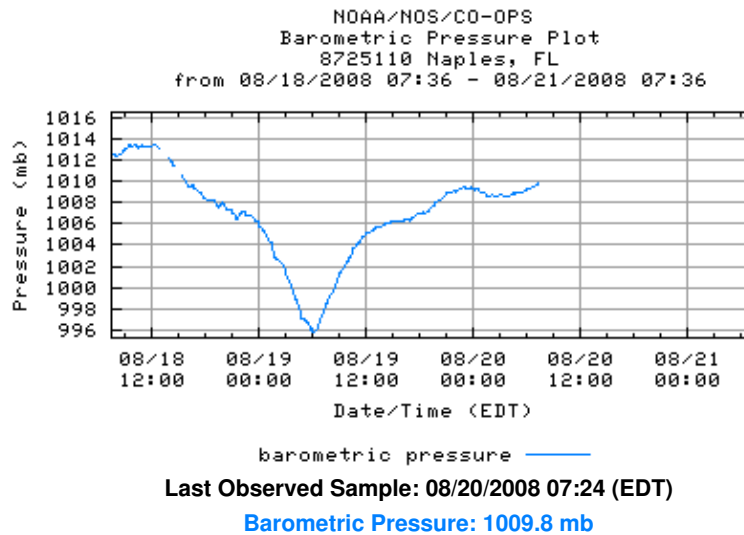
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: 82.8° F Air Temperature: 82.6° F

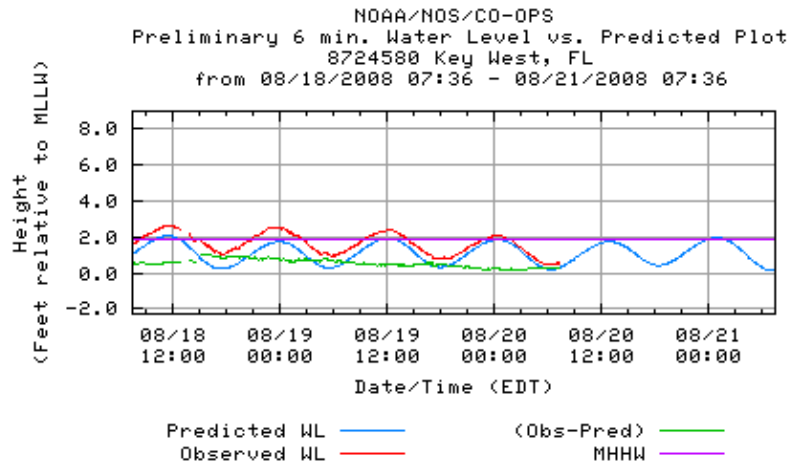
Naples, FL - Station Map [Return to List](#)



Naples, FL - Station Map [Return to List](#)



Key West, FL - Station Map [Return to List](#)

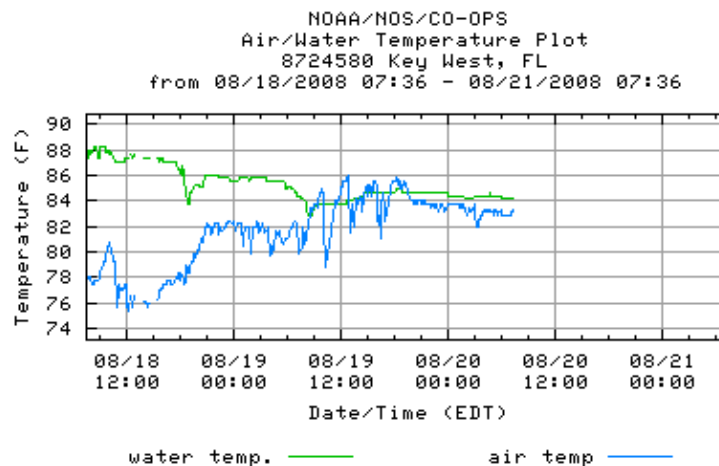


Last Observed Sample: 08/20/2008 07:24 (EDT)

Relative to **MLLW**: **Observed: 0.52 ft. Predicted: 0.29 ft. Residual: 0.23 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

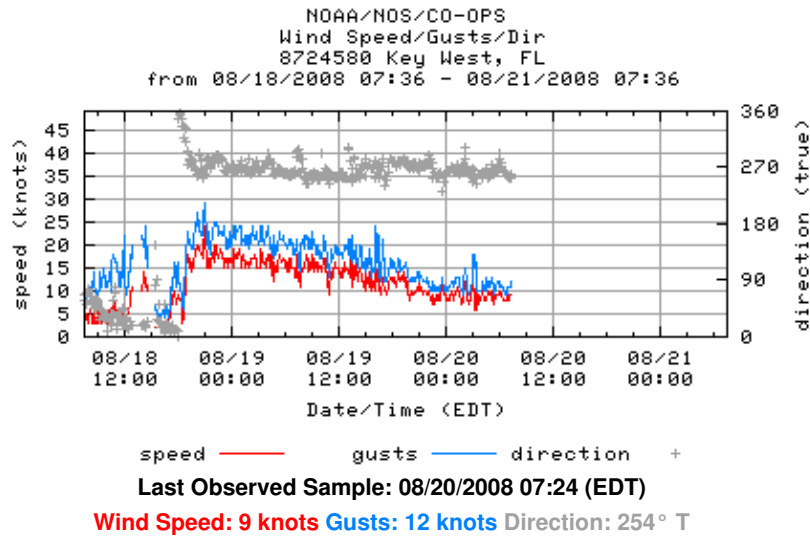
Key West, FL - Station Map [Return to List](#)



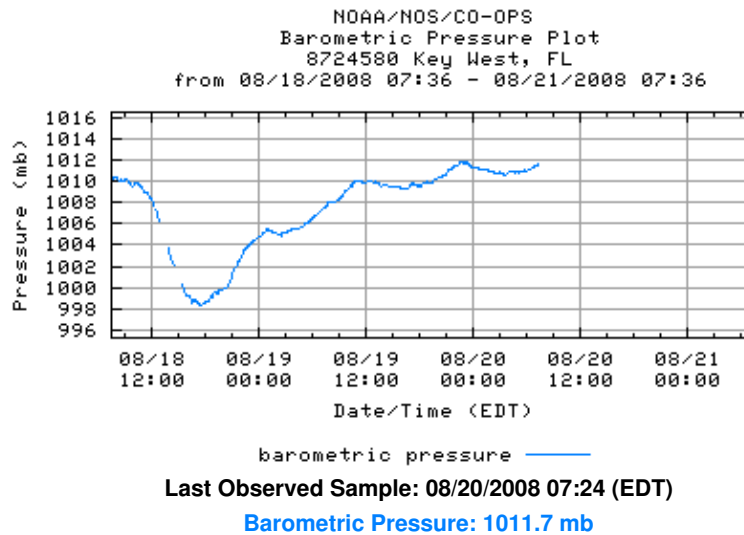
Last Observed Sample: 08/20/2008 07:24 (EDT)

Water Temperature: 84.2° F Air Temperature: 83.3° F

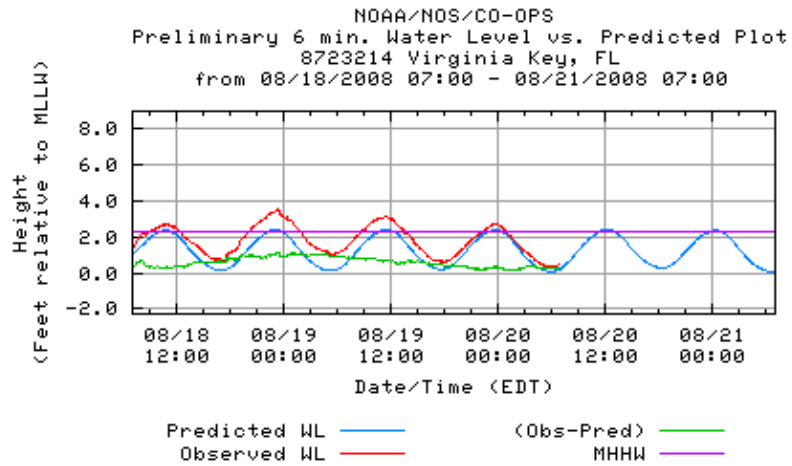
Key West, FL - Station Map [Return to List](#)



Key West, FL - Station Map [Return to List](#)



Virginia Key, FL - Station Map [Return to List](#)



Last Observed Sample: 08/20/2008 06:48 (EDT)

Relative to **MLLW**: **Observed: 0.44 ft.** **Predicted: 0.19 ft.** **Residual: 0.25 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above MHHW

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce